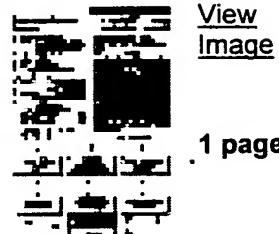


JP8155470A2: WATER-SOLUBLE CORAL CALCIUM

Country: JP Japan
Kind: A

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Abstract:

PURPOSE: To provide excellent water-solubility and widen the usability in various fields of use such as an additive for calcium enrichment in foods etc., by calcinating weathered coral reef forming particles and then neutralizing the particles by L-fermented lactic acid.

CONSTITUTION: Coral calcium usable for beverages, raw materials for foods and food additives, water improving agents, etc., is obtained as coral calcium having 9% or more water-solubility by calcinating weathered coral reef forming particles and neutralizing the resulting particles by L-fermented lactic acid. At that time, the calcinating temperature is set to be 800-1300°C. A high temperature heating furnace, which can prevent air from penetrating and is provided with an evolved gas (CO₂) discharging outlet and a mechanism to keep the pressure of the inside constant, is employed for the calcination. The treated coral is neutralized by an alkali substance, and if necessary, decolorized by activated carbon, etc., filtered, and then treated in processes for concentration, solidification, drying, pulverization, etc., to obtain coral calcium as a product.

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Family: None

Forward References:

PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US6033730	2000-03-07	Yoshizumi; Satoshi	Coral Biotech Kabushiki Kaisha	Weathered reef-building coral material

Other
Abstract Info

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